

Butler, Douglas

Fr m: PLUS
Sent: Tuesday, March 09, 2004 8:23 AM
T : Butler, Douglas
Subject: PLUS Results for 10605338

Here are the PLUS search results for 10605338.

This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. If you have questions or comments about this search, please reply via email to PLUS@uspto.gov.



10605338_QUAL.txt



10605338_LIST.txt



10605338_WEST.txt



10605338_EAST.txt



10605338.east



10605338_CLS.txt



10605338_CLSTITLES.txt



10605338_WDS.txt

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10605338_LIST

PLUS Search Results for S/N 10605338, Searched March 08, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

4374553	5967274	5330034
4609076	6044935	5333944
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10605338_CLS

Most Frequently Occurring Classifications of Patents Returned
From A Search of 10605338 on March 08, 2004

Original Classifications

7 188/73.38
6 188/73.44
5 188/218XL
5 188/72.4
5 188/73.35
4 188/18A
4 188/71.5
4 188/71.6
4 188/73.31
4 188/73.45
3 188/71.8
3 188/72.3
3 188/72.6
3 188/73.2
3 188/73.39
2 29/401.1
2 29/434
2 188/264A
2 188/264G
2 188/71.9

Cross-Reference Classifications

9 188/72.4
7 188/218XL
7 188/73.36
6 188/73.45
5 188/106F
5 188/170
5 188/205A
5 188/71.8
4 188/18A
4 188/196P
4 188/264G
4 188/72.9
4 188/73.1
4 188/73.38
3 188/162
3 188/18R
3 188/250B
3 188/264AA
3 188/370
3 188/71.1
3 188/71.5
3 188/72.3
3 188/72.6
3 188/73.31
3 188/73.35
3 188/73.37
2 60/578
2 92/168
2 188/158
2 188/196BA
2 188/196D
2 188/206A

2 188/216
2 188/251A
2 188/259
2 188/264A
2 188/325
2 188/341
2 188/72.1
2 188/72.2
2 188/73.43
2 188/75
2 188/77W
2 192/107T
2 192/79
2 192/81C
2 192/83
2 303/115.2
2 318/372

Combined Classifications

14 188/72.4
12 188/218XL
11 188/73.38
10 188/73.45
8 188/18A
8 188/71.8
8 188/73.35
8 188/73.36
7 188/71.5
7 188/73.31
7 188/73.44
6 188/170
6 188/264G
6 188/72.3
6 188/72.6
5 188/106F
5 188/205A
5 188/71.6
5 188/72.9
5 188/73.1
4 188/162
4 188/196P
4 188/250B
4 188/264A
4 188/264AA
4 188/73.2
4 188/73.37
4 188/73.39
3 29/401.1
3 188/18R
3 188/251A
3 188/325
3 188/341
3 188/370
3 188/71.1
3 188/71.9
3 188/77W
2 29/434
2 57/406
2 57/88

2 60/562
2 60/578
2 60/585
2 92/168
2 188/1.11L
2 188/106P
2 188/158
2 188/181T
2 188/196BA
2 188/196D
2 188/205R
2 188/206A
2 188/216
2 188/259
2 188/72.1
2 188/72.2
2 188/72.5
2 188/73.32
2 188/73.43
2 188/75
2 188/77R
2 188/78
2 192/107T
2 192/79
2 192/81C
2 192/83
2 192/84.81
2 303/112
2 303/115.2
2 310/77
2 318/372

10605338_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10605338 on March 08, 2004

- 14 188/72.4 (5 OR, 9 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/72.1 ..With means for actuating brake element
188/72.4 ...By fluid pressure piston
- 12 188/218XL (5 OR, 7 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/218R .Brake wheels
188/218XL ..Disk type
- 11 188/73.38 (7 OR, 4 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.37 ...Having means to prevent vibration of brake
element
188/73.38Spring
- 10 188/73.45 (4 OR, 6 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.43 ...Including actuator slidable in plane
parallel to axis of rotation of wheel
188/73.44On axially extending pin
188/73.45Plural pins
- 8 188/18A (4 OR, 4 XR)
Class 188 : BRAKES
188/2R VEHICLE
188/17 .Hub or disk
188/18R ..Motor vehicle
188/18A ...Disc brakes
- 8 188/71.8 (3 OR, 5 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/71.7 ..With means to adjust for wear of brake
188/71.8 ...Self-adjusting means
- 8 188/73.35 (5 OR, 3 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor

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- 188/73.31 ..Retainer for brake element
 188/73.35 ...Having actuator and means to prevent vibration thereof
- 8 188/73.36 (1 OR, 7 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
 188/73.35 ...Having actuator and means to prevent vibration thereof
 188/73.36Including means to prevent vibration of brake element
- 7 188/71.5 (4 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/71.5 ..Plural rotating elements (e.g., "multidisc")
- 7 188/73.31 (4 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
- 7 188/73.44 (6 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane parallel to axis of rotation of wheel
 188/73.44On axially extending pin
- 6 188/170 (1 OR, 5 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/166 .Spring
 188/170 ..Fluid-pressure release
- 6 188/264G (2 OR, 4 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/264R .Cooling and lubricating
 188/264G ..Insulators
- 6 188/72.3 (3 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing therefor
 188/72.1 ..With means for actuating brake element
 188/72.3 ...And means for retracting brake element

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- 6 188/72.6 (3 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
 188/72.6And/or mechanical linkage
- 5 188/106F (0 OR, 5 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/105 .Multiple
 188/106R ..Vehicle
 188/106F ...Fluid and mechanical
- 5 188/205A (0 OR, 5 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/205R .Supports
 188/205A ..Antirattler
- 5 188/71.6 (4 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.6 ..With means for cooling brake
- 5 188/72.9 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.9 ...By pivoted lever
- 5 188/73.1 (1 OR, 4 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.1 ..Structure of brake element
- 4 188/162 (1 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric
 188/161 ..Electromagnet
 188/162 ...Rotary motor
- 4 188/196P (0 OR, 4 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/196R .Slack
 188/196P ..Friction
- 4 188/250B (1 OR, 3 XR)

Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/250R .Shoes
188/250B ..Shoe construction

4 188/264A (2 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/264R .Cooling and lubricating
188/264A ..Air-cooled, axially engaging

4 188/264AA (1 OR, 3 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER
188/264R .Cooling and lubricating
188/264A ..Air-cooled, axially engaging
188/264AA ...Auto wheel type

4 188/73.2 (3 OR, 1 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.1 ..Structure of brake element
188/73.2 ...Circumferential or circumferentially spaced

4 188/73.37 (1 OR, 3 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.37 ...Having means to prevent vibration of brake
element

4 188/73.39 (3 OR, 1 XR)
Class 188 : BRAKES
188/67 ROD
188/71.1 .Axially movable brake element or housing
therefor
188/73.31 ..Retainer for brake element
188/73.39 ...Including torque member supporting brake
element

3 29/401.1 (2 OR, 1 XR)
Class 029 : METAL WORKING
29/592 METHOD OF MECHANICAL MANUFACTURE
29/401.1 .Converting

3 188/18R (0 OR, 3 XR)
Class 188 : BRAKES
188/2R VEHICLE
188/17 .Hub or disk
188/18R ..Motor vehicle

3 188/251A (1 OR, 2 XR)
Class 188 : BRAKES
188/381 FRICTIONAL VIBRATION DAMPER

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188/250R .Shoes
 188/251R ..Composite
 188/251A ...Materials

3 188/325 (1 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/74 .Transversely movable
 188/78 ..Expanding
 188/325 ...Two shoes

3 188/341 (1 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/74 .Transversely movable
 188/78 ..Expanding
 188/341 ...Anchor

3 188/370 (0 OR, 3 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/151R .Fluid pressure
 188/152 ..Road vehicle
 188/361 ...Wheel brake operating assembly
 188/369With axially movable brake member
 188/370Spot type

3 188/71.1 (0 OR, 3 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor

3 188/71.9 (2 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/71.7 ..With means to adjust for wear of brake
 188/71.8 ...Self-adjusting means
 188/71.9Including unidirectionally rotating screw

3 188/77W (1 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/74 .Transversely movable
 188/77R ..Strap
 188/77W ...Wrap band type

2 29/434 (2 OR, 0 XR)
 Class 029 : METAL WORKING
 29/592 METHOD OF MECHANICAL MANUFACTURE
 29/428 .Assembling or joining
 29/434 ..Retaining clearance for motion between
 assembled parts

2 57/406 (1 OR, 1 XR)
 Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING

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57/1R APPARATUS AND PROCESSES
 57/400 .Open end spinning
 57/404 ..Rotating chamber type
 57/406 ...With housing for drive or support

2 57/88 (1 OR, 1 XR)
 Class 057 : TEXTILES: SPINNING, TWISTING, AND TWINING
 57/1R APPARATUS AND PROCESSES
 57/78 .Stopping or starting
 57/88 ..Spindle stopping

2 60/562 (1 OR, 1 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/562 ..Master piston of one pulsator circuit drives
 master piston of a parallel circuit through a resilient,
 fluid or lost motion connection

2 60/578 (0 OR, 2 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/574 ..Automatic control of plural stage pressure
 generation or utilization
 60/578 ...Unitarily movable displacer delivers fluid
 from two delivery chambers, one chamber being ineffective
 under high pressure delivery

2 60/585 (1 OR, 1 XR)
 Class 060 : POWER PLANTS
 60/325 PRESSURE FLUID SOURCE AND MOTOR
 60/533 .Pulsator
 60/585 ..Holder for reserve liquid feeds master

2 92/168 (0 OR, 2 XR)
 Class 092 : EXPANSIBLE CHAMBER DEVICES
 92/165R WITH GUIDE OR SEAL ON CYLINDER END PORTION FOR
 PISTON OR MEMBER MOVED BY PISTON
 92/168 .Non-metallic seal means between piston or
 member and end portion

2 188/1.11L (1 OR, 1 XR)
 Class 188 : BRAKES
 188/1.11R WITH CONDITION INDICATOR
 188/1.11W .Wear
 188/1.11L ..Electrical

2 188/106P (1 OR, 1 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/105 .Multiple
 188/106R ..Vehicle
 188/106P ...Plural systems

2 188/158 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/381 FRICTIONAL VIBRATION DAMPER
 188/158 .Electric

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- 2 188/181T (1 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/174 .Weight
 - 188/180 ..Regulators
 - 188/181R ...Vehicle
 - 188/181TTorque-responsive

- 2 188/196BA (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack
 - 188/196B ..Ratchet
 - 188/196BA ...Rotatable

- 2 188/196D (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/196R .Slack
 - 188/196D ..Frictional rotation

- 2 188/205R (1 OR, 1 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/205R .Supports

- 2 188/206A (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/205R .Supports
 - 188/206R ..Brake element
 - 188/206A ...Anchor

- 2 188/216 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/216 .Release mechanism

- 2 188/259 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/381 FRICTIONAL VIBRATION DAMPER
 - 188/250R .Shoes
 - 188/251R ..Composite
 - 188/259 ...Flexible

- 2 188/72.1 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element

- 2 188/72.2 (0 OR, 2 XR)
 - Class 188 : BRAKES
 - 188/67 ROD
 - 188/71.1 .Axially movable brake element or housing therefor
 - 188/72.1 ..With means for actuating brake element

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- 188/72.2 ...Self-force-increasing means
- 2 188/72.5 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/72.1 ..With means for actuating brake element
 188/72.4 ...By fluid pressure piston
 188/72.5 Piston for each of plural elements
- 2 188/73.32 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.32 ...Having means to facilitate changing brake
 element
- 2 188/73.43 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/71.1 .Axially movable brake element or housing
 therefor
 188/73.31 ..Retainer for brake element
 188/73.43 ...Including actuator slidable in plane
 parallel to axis of rotation of wheel
- 2 188/75 (0 OR, 2 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/74 .Transversely movable
 188/75 ..Opposing
- 2 188/77R (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/74 .Transversely movable
 188/77R ..Strap
- 2 188/78 (1 OR, 1 XR)
 Class 188 : BRAKES
 188/67 ROD
 188/74 .Transversely movable
 188/78 ..Expanding
- 2 192/107T (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/107R .Engaging surfaces
 192/107T ..Transversely engaging
- 2 192/79 (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/66.1 .Axially engaging
 192/79 ..Exterior

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- 2 192/81C (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/66.1 .Axially engaging
 192/79 ..Exterior
 192/80 ...Strap
 192/81RMultiple folds
 192/81C :Coil
- 2 192/83 (0 OR, 2 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/82R .Operators
 192/83 ..Multiple for same clutch
- 2 192/84.81 (1 OR, 1 XR)
 Class 192 : CLUTCHES AND POWER-STOP CONTROL
 192/30R CLUTCHES
 192/82R .Operators
 192/84.1 ..Electric or magnetic
 192/84.8 ...Operator for transversely engaging elements
 192/84.81 :Coil spring
- 2 303/112 (1 OR, 1 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 . SPEED-CONTROLLED
 303/112 .Torque sensing
- 2 303/115.2 (0 OR, 2 XR)
 Class 303 : FLUID-PRESSURE AND ANALOGOUS BRAKE SYSTEMS
 303/121 SPEED-CONTROLLED
 303/113.1 .Having a valve system responsive to a wheel
 lock signal
 303/115.1 ..System controlled by expansible chamber type
 modulator
 303/115.2 ...Having electric control
- 2 310/77 (1 OR, 1 XR)
 Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
 310/10 DYNAMOELECTRIC
 310/40R .Rotary
 310/66 ..With other elements
 310/75R ...Drive mechanism
 310/77Brake
- 2 318/372 (0 OR, 2 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/362 BRAKING
 318/372 .Friction braking